CENTRAL COAST HYDROLOGIC REGION

San Francisco Bay Region
San Felipe Unit (CVP)

Flow in TAF		
1998	2000	2001
66	89	133

San Joaquin River Region
San Felipe Unit (CVP)

Flow in TAF		
1998	2000	2001
83	113	152

Tulare Lake Region
Coastal Branch Ca Aqueduct (SWP)

Flow in TAF		
1998	2000	2001
25	31	28

SANTA CRUZ
Santa Cruz
SANTA CLARA
Hollister
Salinas
SAN BENITO
MONTEREY
SAN LUIS OBISPO
San Luis Obispo
SANTA BARBARA
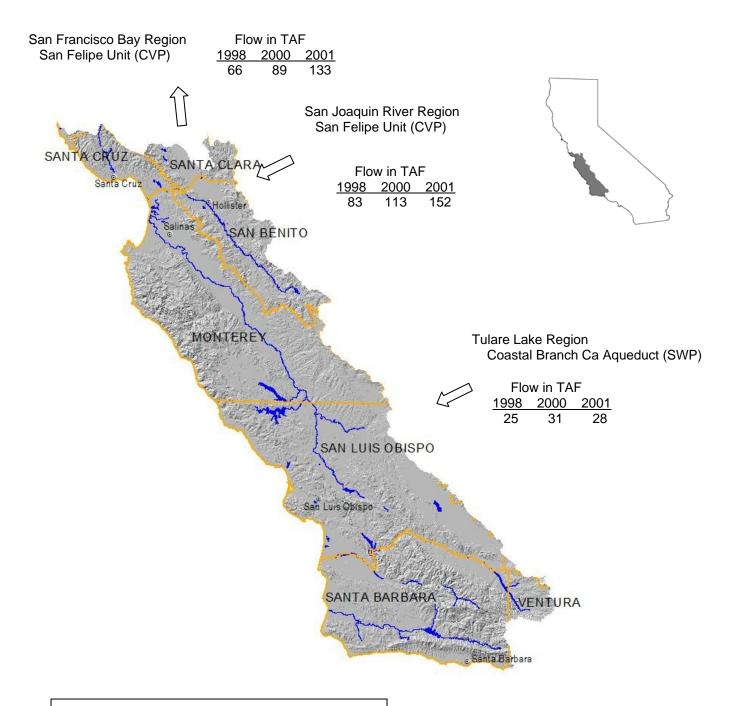VENTURA
Santa Barbara

Some Statistics

- Area - 11,326 square miles (7.1 % of State)
- Average annual precipitation – 18.7 inches
- Year 2000 population - 1,459,205
- 2030 projected population – 1,890,390
- Total reservoir storage capacity - 1,227 TAF
- 2000 irrigated crop area - 603,620 acres

CENTRAL COAST HYDROLOGIC REGION
WATER BALANCE SUMMARY - TAF

	Water Year (Percent of Normal Precipitation)		
	1998 (225%)	2000 (110%)	2001 (107%)
Water Entering the Region			
Precipitation	25,202	12,596	11,848
Inflow from Oregon/Mexico	0	0	0
Inflow from Colorado River	0	0	0
Imports from Other Regions	108	144	180
Total	**25,310**	**12,740**	**12,028**
Water Leaving the Region			
Consumptive Use of Applied Water * (Ag, M&I, Wetlands)	622	754	860
Outflow to Oregon/Nevada/Mexico	0	0	0
Exports to Other Regions	66	89	133
Statutory Required Outflow to Salt Sink	174	95	49
Additional Outflow to Salt Sink	154	181	183
Evaporation, Evapotranspiration of Native Vegetation, Groundwater Subsurface Outflows, Natural and Incidental Runoff, Ag Effective Precipitation & Other Outflows	24,502	12,362	11,688
Total	**25,518**	**13,481**	**12,913**
Storage Changes in the Region [+] Water added to storage [−] Water removed from storage			
Change in Surface Reservoir Storage	401	8	-14
Change in Groundwater Storage **	-609	-749	-871
Total	**-208**	**-741**	**-885**

	1998	2000	2001
Applied Water * (compare with Consumptive Use) * Definition - Consumptive use is the amount of applied water used and no longer available as a source of supply. Applied water is greater than consumptive use because it includes consumptive use, reuse, and outflows.	1,074	1,291	1,442

Water Entering the Region – Water Leaving the Region = Storage Changes in Region

**Footnote for change in Groundwater Storage

Change in Groundwater Storage is based upon best available information. Basins in the north part of the State (North Coast, San Francisco, Sacramento River and North Lahontan Regions and parts of Central Coast and San Joaquin River Regions) have been modeled – spring 1997 to spring 1998 for the 1998 water year and spring 1999 to spring 2000 for the 2000 water year. All other regions and year 2001 were calculated using the following equation:

GW change in storage =
intentional recharge + deep percolation of applied water + conveyance deep percolation - withdrawals

This equation does not include the unknown factors such as natural recharge and subsurface inflow and outflow.